

FIG. 1

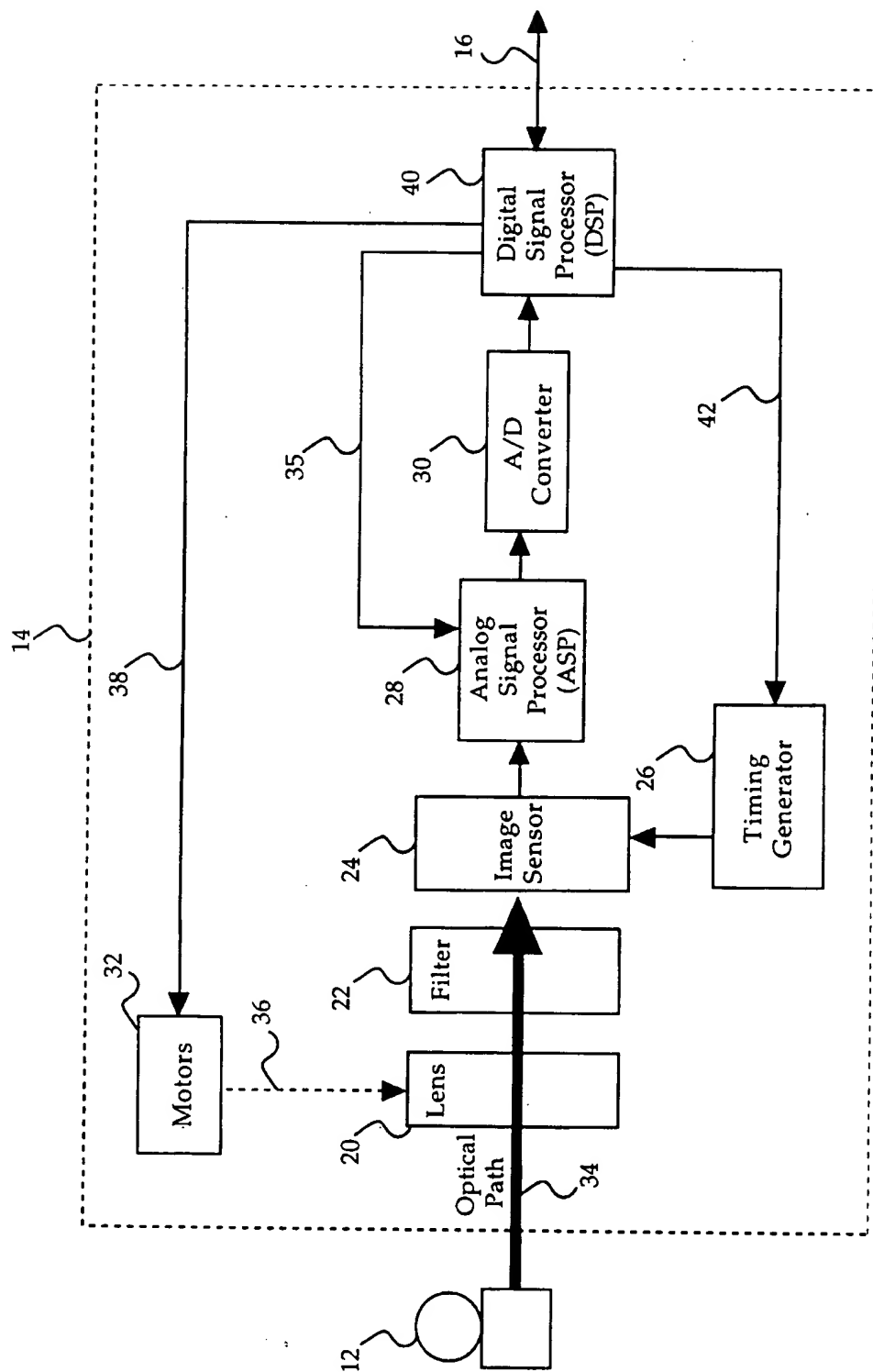


FIG. 2

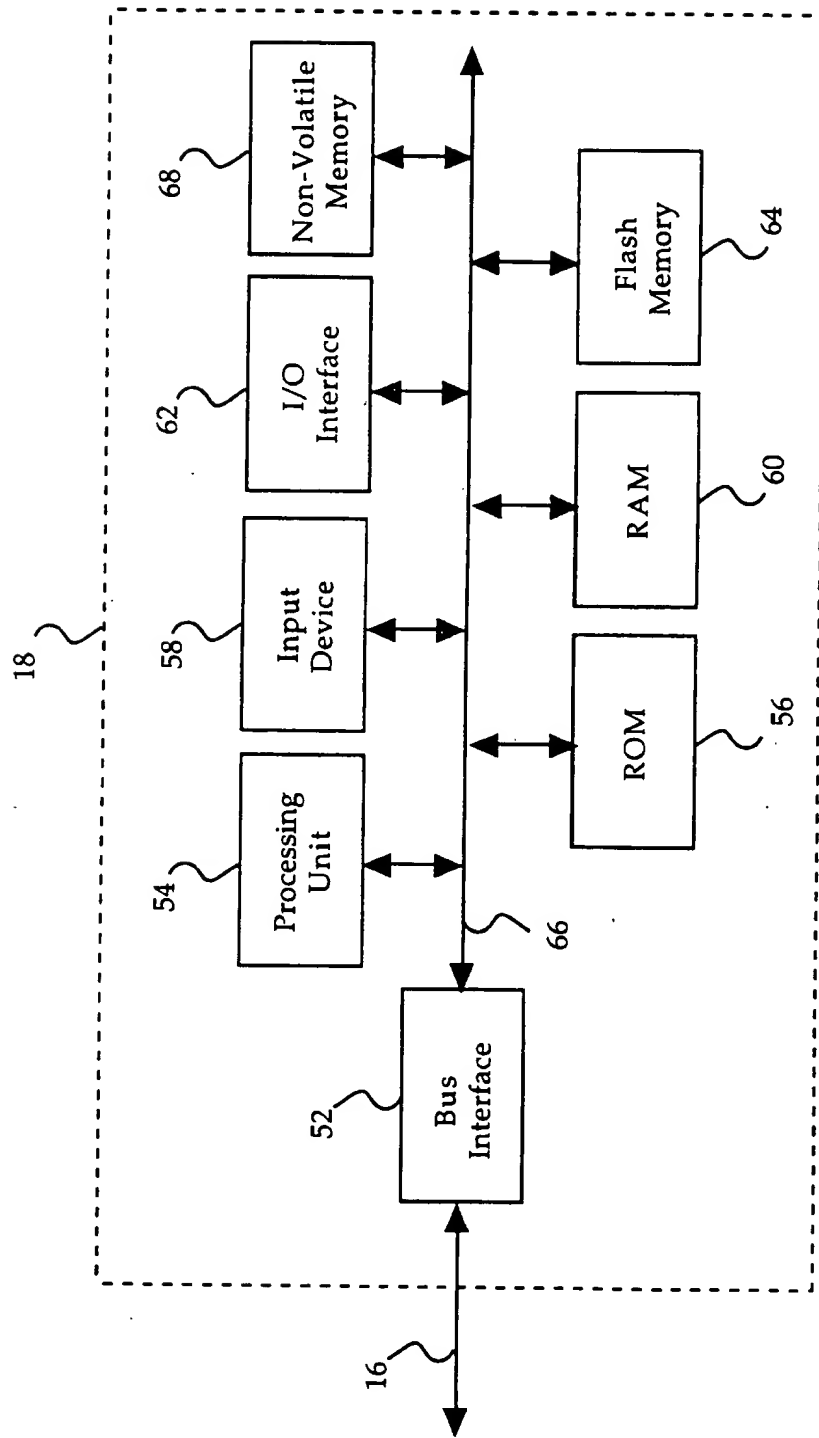


FIG. 3

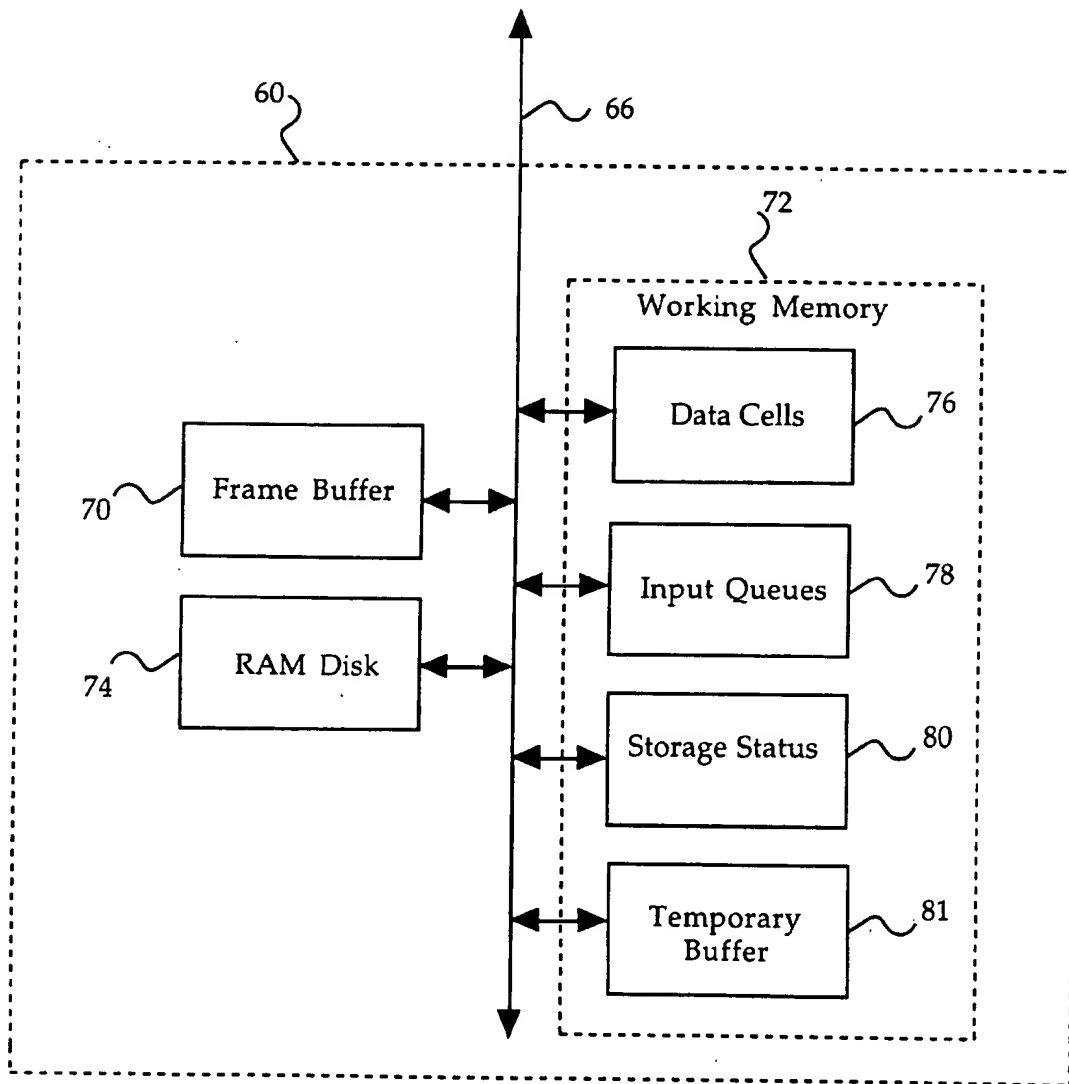


FIG. 4

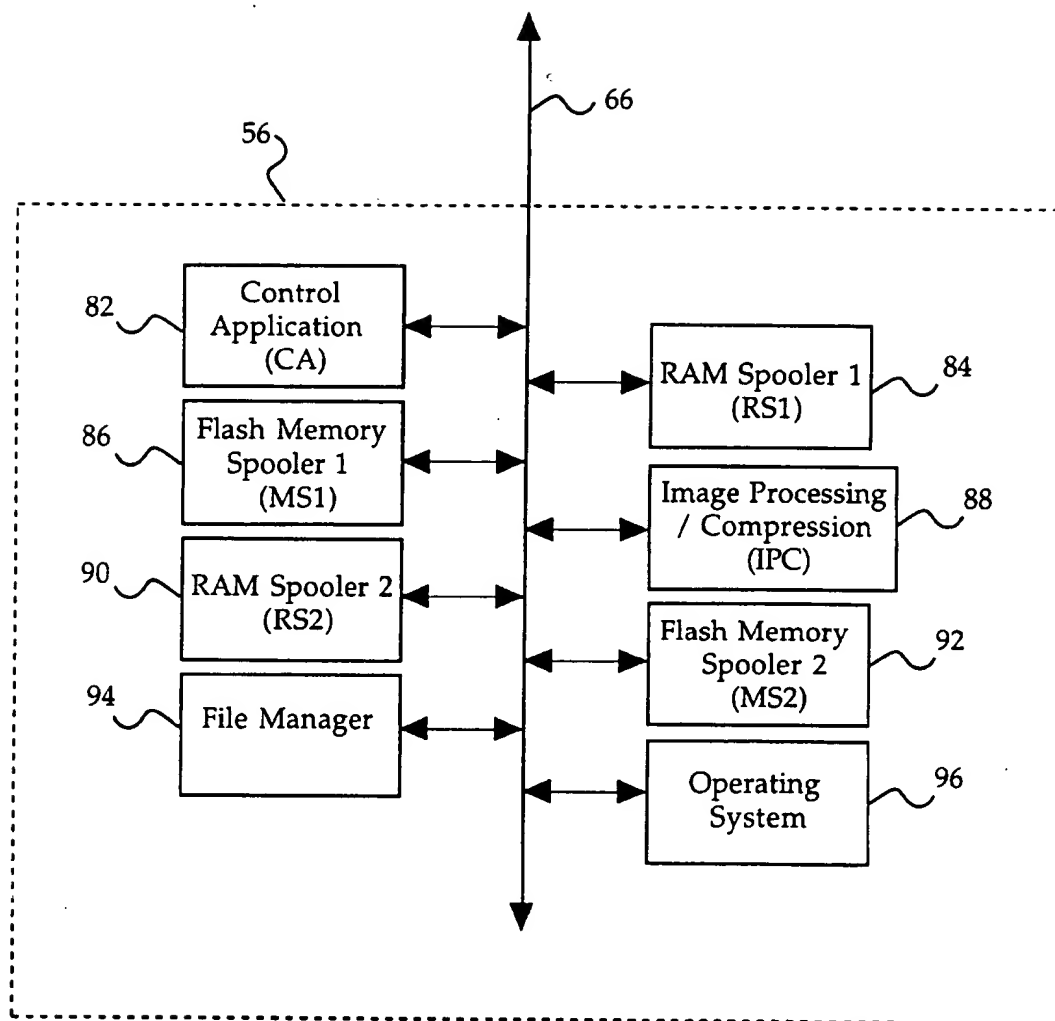


FIG. 5

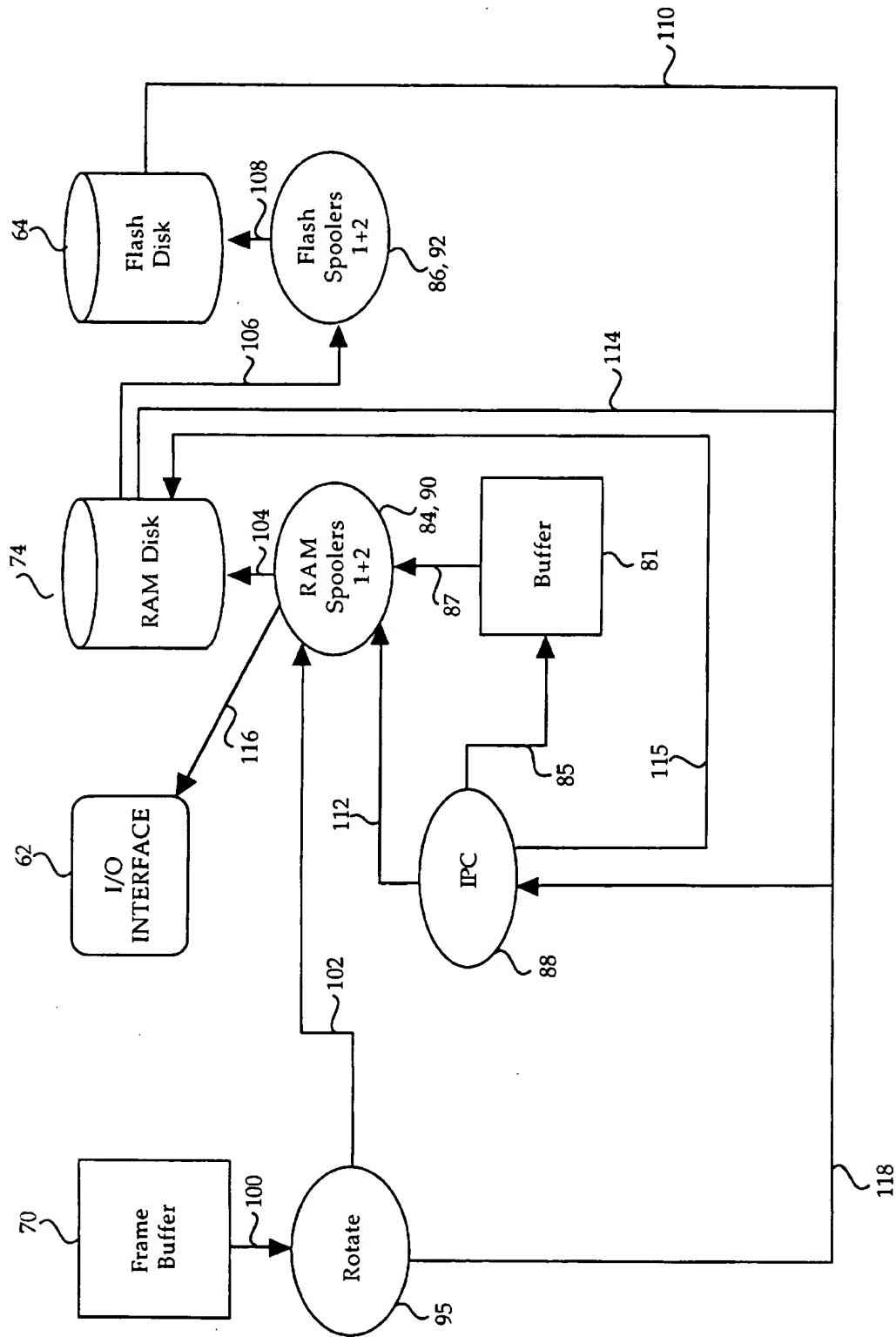


FIG. 6

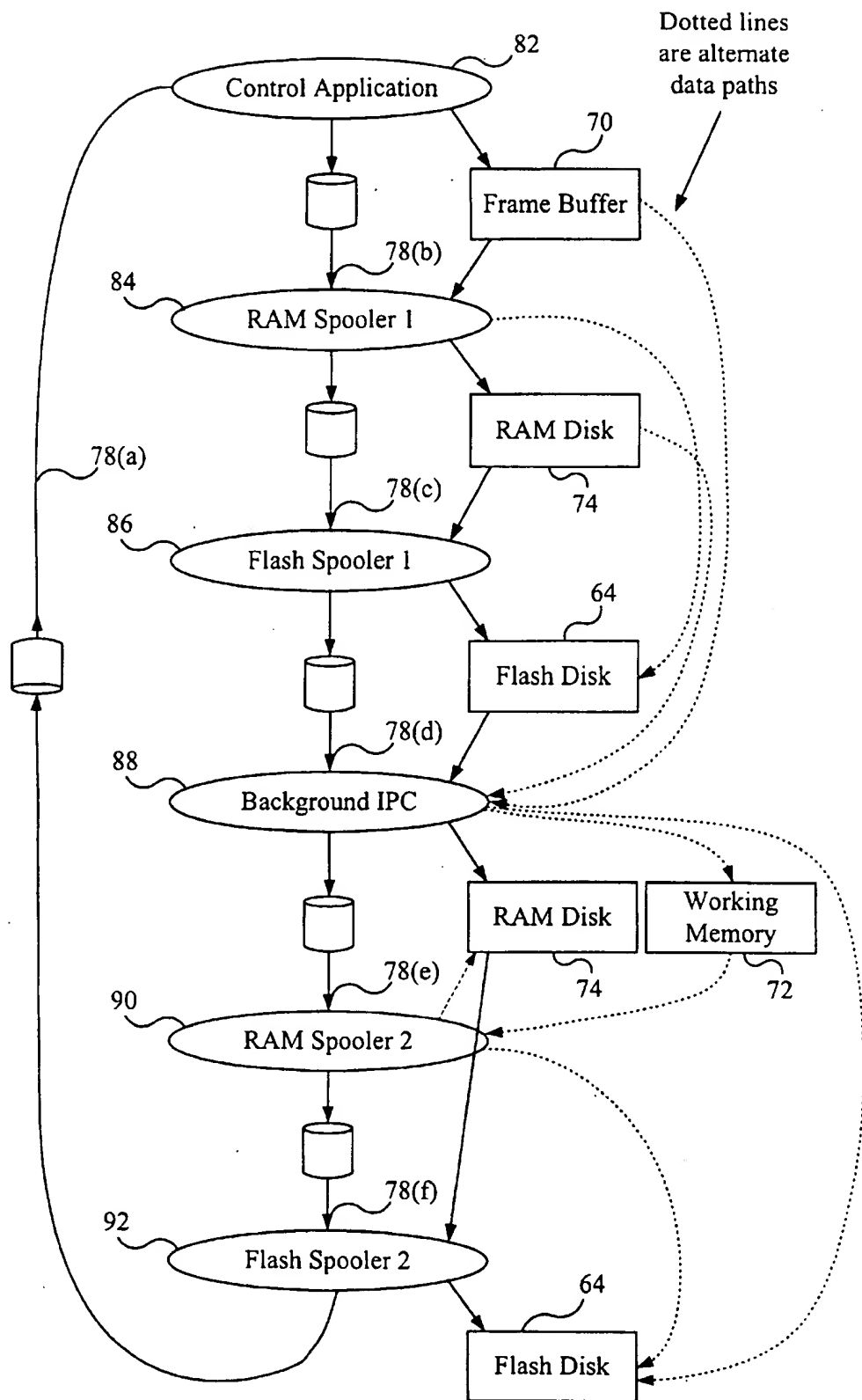


FIG. 7

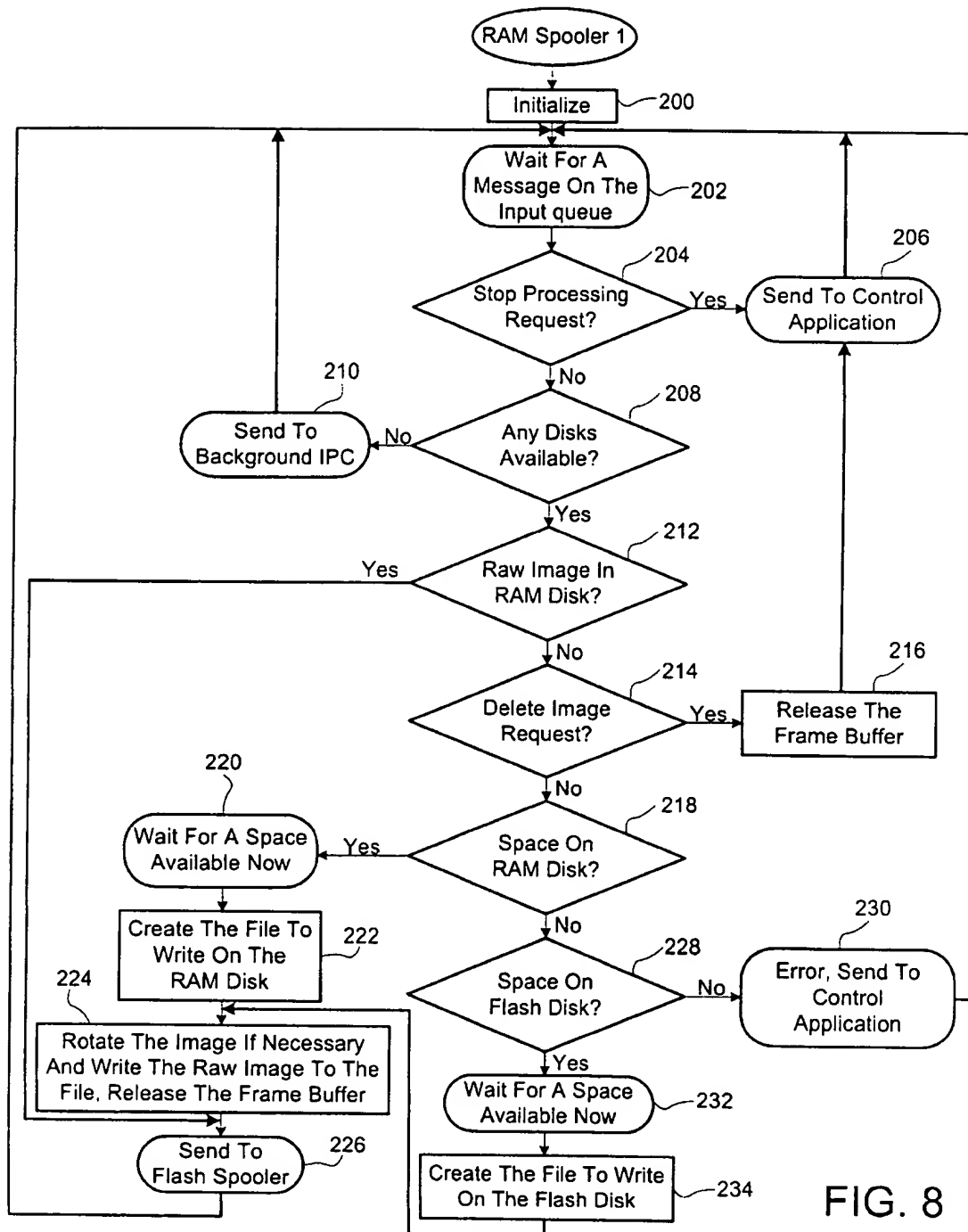


FIG. 8

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graph TD
    Start([Flash Spooler 1]) --> Init[Initialize 300]
    Init --> WaitMsg([Wait For A Message On The Input queue 302])
    WaitMsg --> StopReq{Stop Processing Request? 304}
    StopReq -- Yes --> SendCtrlApp([Send To Control Application 306])
    SendCtrlApp --> WaitMsg
    StopReq -- No --> RawImageFlash{Raw Image In Flash? 308}
    RawImageFlash -- Yes --> SendCtrlApp
    RawImageFlash -- No --> DeleteReq{Delete Image Request? 310}
    DeleteReq -- Yes --> DeleteFile[Delete The RAM Disk File 312]
    DeleteFile --> SendCtrlApp
    DeleteReq -- No --> RawImageRAM{Raw Image In RAM Disk? 314}
    RawImageRAM -- No --> SendCtrlApp
    RawImageRAM -- Yes --> SpaceFlash{Space On Flash Disk? 318}
    SpaceFlash -- No --> SendCtrlApp
    SpaceFlash -- Yes --> WaitSpace([Wait For A Space Available Now 320])
    WaitSpace --> CopyDelete[Copy The Raw Image From RAM Disk To Flash Disk, Delete The RAM Disk File. 322]
    CopyDelete --> SendIPC([Send To Background IPC 324])
    SendIPC --> WaitMsg

```

FIG. 9

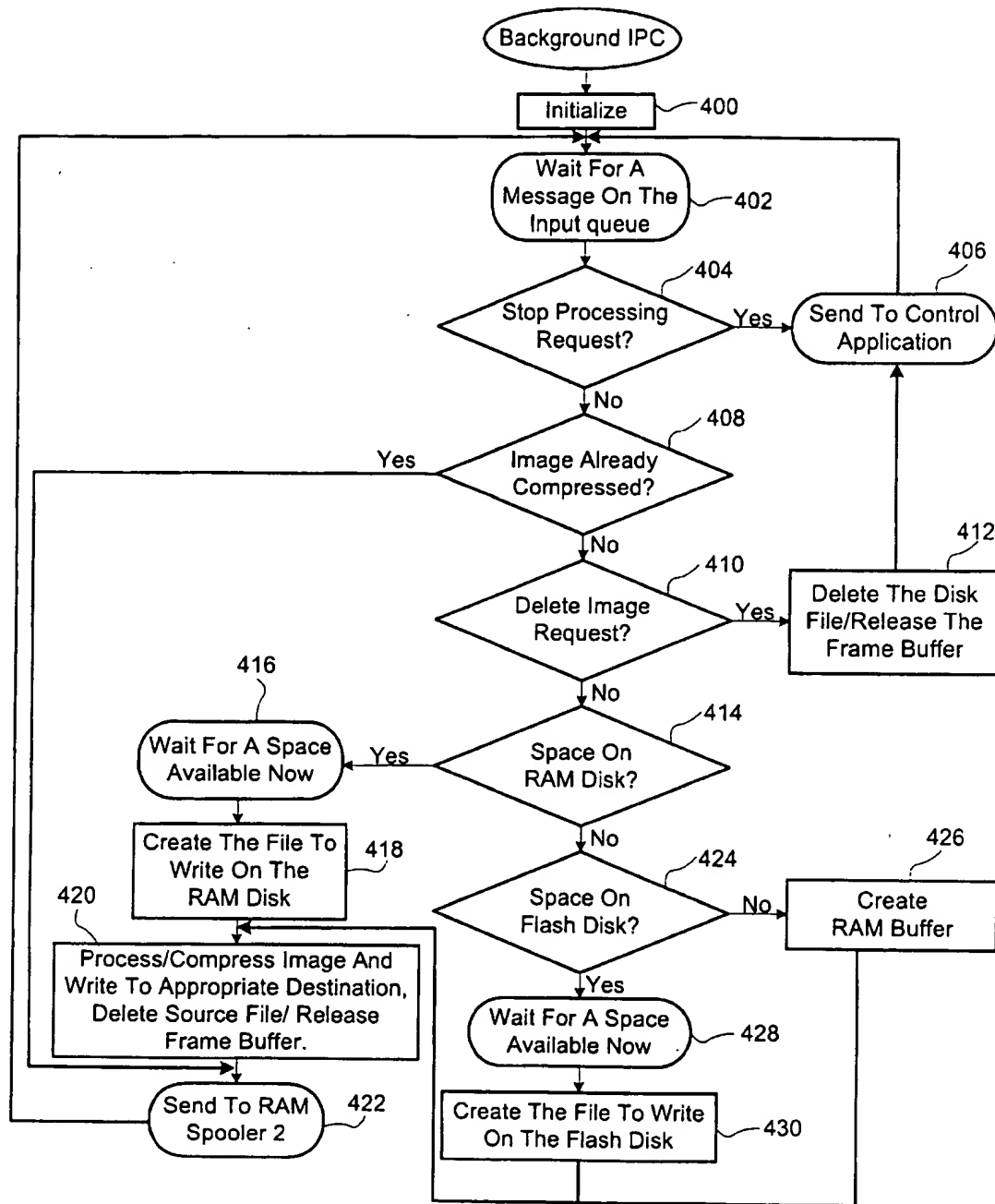


FIG. 10

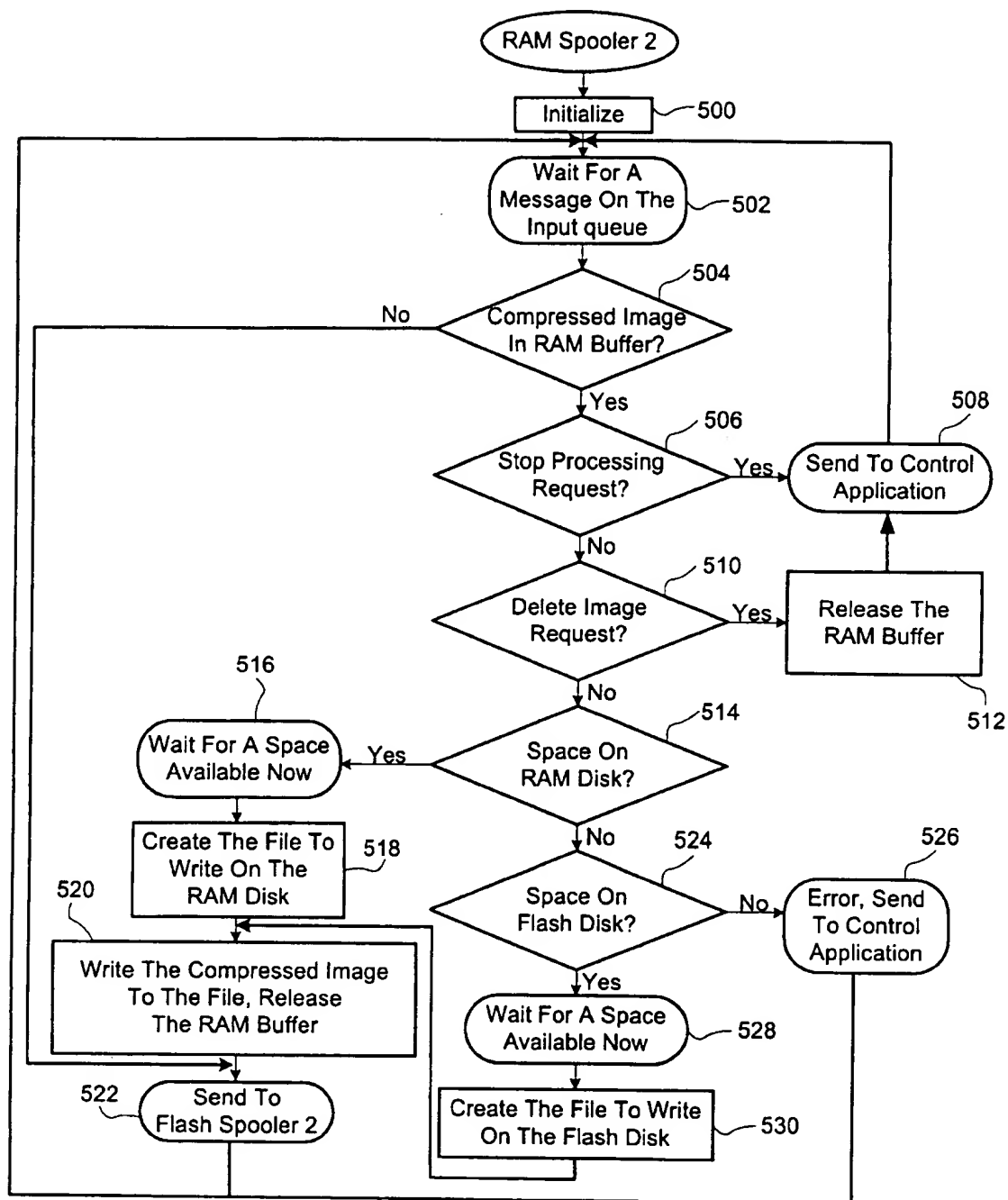


FIG. 11

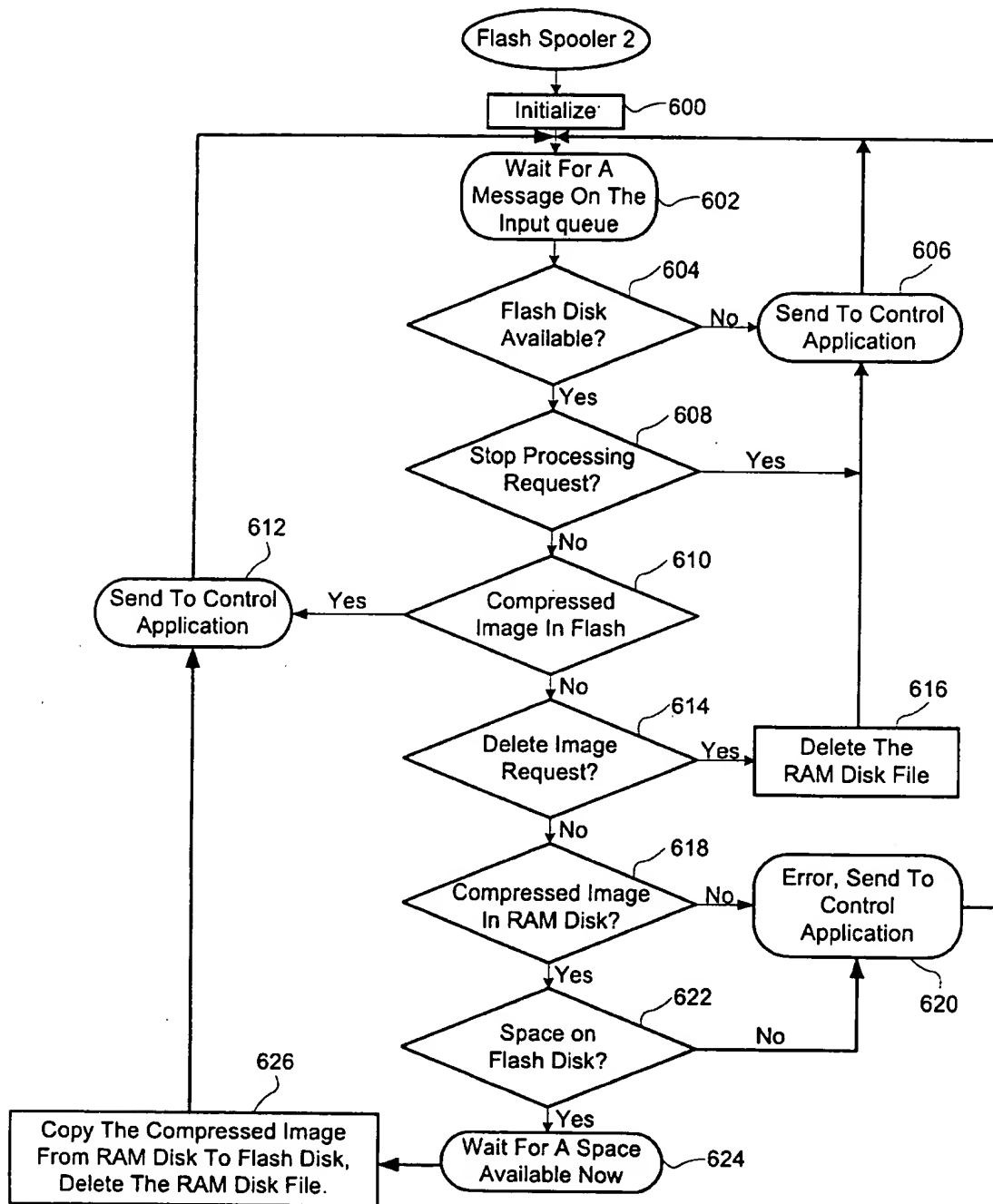


FIG. 12